

Converting Colors

YIQ(232.4800, -11.0000,
-20.9200)

Have a look what the booklet for
YIQ(232.4800, -11.0000, -20.9200)
contains.

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Color

**YIQ(232.4800, -11.0000,
-20.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F9D1
RGB	209, 249, 209
RGB Percent	82%, 98%, 82%
CMY	0.1805, 0.0234, 0.1804
CMYK	0.16, 0.00, 0.16, 0.02
HSL	120°, 77%, 90%
HSV	120°, 16%, 98%
XYZ	71.6749, 85.9158, 73.1252
YIQ	232.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

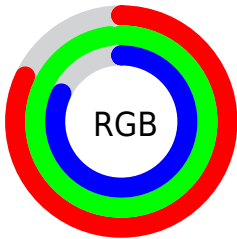
Format	Color
R _{YB}	209, 249, 249
Decimal	13760977
CIE Lab	94.28, -20.22, 14.99
CIE LCh	94, 25.170, 143.460
Yxy	85.9158, 0.3107, 0.3724
Android (android.graphics.Color)	4291951057 (0xFFD1F9D1)
YUV	232.4800, -11.5756, -20.5920
Hunter-Lab	92.6908, -24.1804, 18.1087

Details

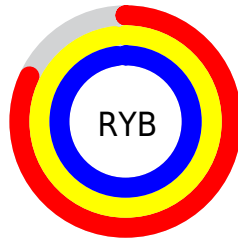
The YIQ color $232.4800, -11.0000, -20.9200$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $225.5200, 11.0000, 20.9200$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.4200, -10.7710, -19.5630$ is the 20% darker color. If you saturate the color by 10%, you get $222.1550, -17.8750, -33.9950$, and if you desaturate by 10%, it is $242.8050, -4.1250, -7.8450$.

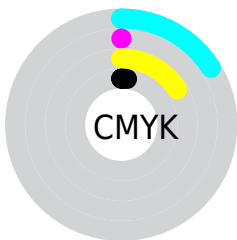
Distribution



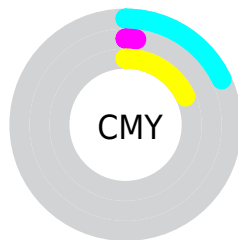
- Red (82%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.4800, -11.0000, -20.9200 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 232.4800, -11.0000, -20.9200 by changing the saturation by 10% instead.

■ 232.4800,
-11.0000, -20.9200

■ 232.4800,
-11.0000, -20.9200

255.0000, -0.0000,
-0.0000

■ 203.8930,
-10.7250, -20.3970

■ 176.4200,
-10.7710, -19.5630

■ 149.7190,
-10.1750, -19.3510

■ 123.8330,
-10.4960, -19.0400

■ 98.6590, -9.9460,
-17.9940

■ 74.7730, -10.2670,
-17.6830

■ 51.3000, -10.3130,

-16.8490

■ 29.1150, -11.2300,
-16.7500

■ 14.0880, -6.6000,
-12.5520

■ 232.4800,
-11.0000, -20.9200

■ 232.4800,
-11.0000, -20.9200

■ 222.1550,
-17.8750, -33.9950

■ 242.8050, -4.1250,
-7.8450

■ 211.8300,
-24.7500, -47.0700

■ 251.4780, 1.6500,
3.1380

■ 201.5050,
-31.6250, -60.1450

■ 191.1800,
-38.5000, -73.2200

■ 180.9690,
-45.6960, -85.9840

■ 170.9430,
-51.9750, -98.8470

■ 160.6180,
-58.8500, -111.9220

■ 150.2930,
-65.7250, -124.9970

■ 146.1630,
-68.4750, -130.2270

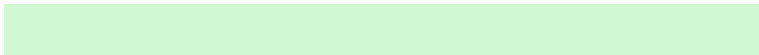
Harmonies

Analogous

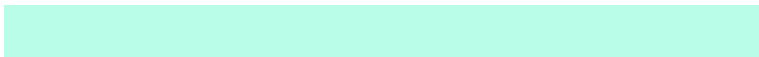
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.6200, 12.1530, -16.5110



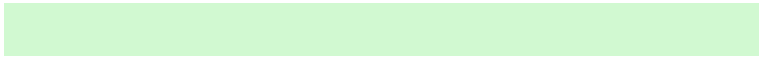
232.4800, -11.0000, -20.9200



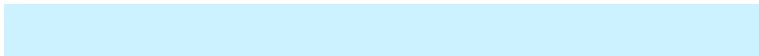
229.6870, -33.5120, -20.4240

Triad

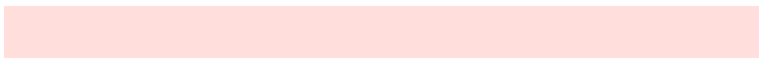
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.4800, -11.0000, -20.9200



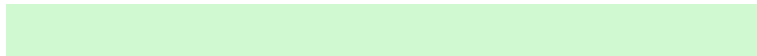
232.1200, -26.8210, -4.0130



231.6390, 20.3100, 6.3740

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



232.4800, -11.0000, -20.9200



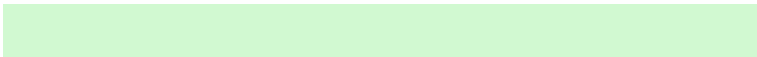
225.5200, 11.0000, 20.9200

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.4890, 12.2850, 14.1490



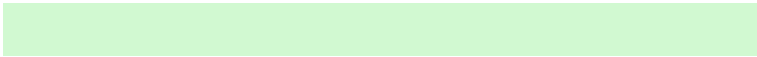
232.4800, -11.0000, -20.9200



236.9920, -5.5490, 6.9550

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



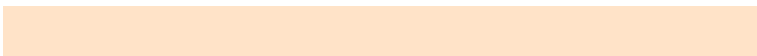
232.4800, -11.0000, -20.9200



228.7540, -43.6460, -12.9740



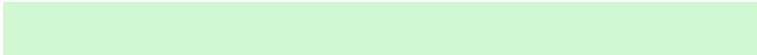
237.9770, 7.9750, 15.1670



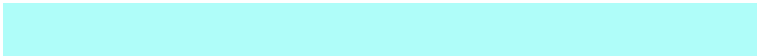
232.2940, 25.3550, -2.4610

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.4800, -11.0000, -20.9200



229.2220, -45.2040, -17.7800



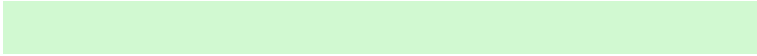
237.9770, 7.9750, 15.1670



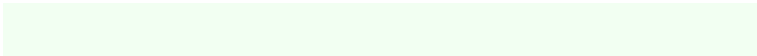
232.5510, 17.7420, 8.8620

Sweetspot

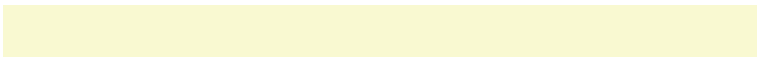
The Sweet Spot groups the original color and five complimentary colors.



232.4800, -11.0000, -20.9200



249.6310, -3.5750, -6.7990



244.4400, 12.8400, -12.4400



124.6960, -2.2000, -4.1840



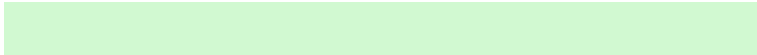
0.0000, 0.0000, 0.0000



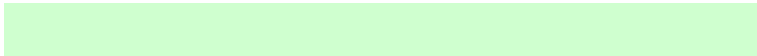
128.0000, -0.0000, -0.0000

Same Dimension

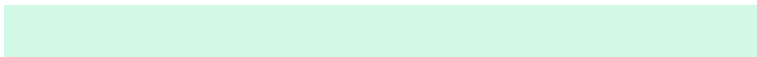
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4800, -11.0000, -20.9200



235.1760, -13.2000, -25.1040



234.7600, -17.4200, -14.7000



119.6310, -3.5750, -6.7990



110.9430, -51.9750, -98.8470



35.8070, -16.7750, -31.9030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



225.5200, 11.0000, 20.9200



226.8240, 13.2000, 25.1040



223.2400, 17.4200, 14.7000



117.3690, 3.5750, 6.7990



78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 232.4800, -11.0000, -20.9200 looks on a white background.

Color Contrast Check

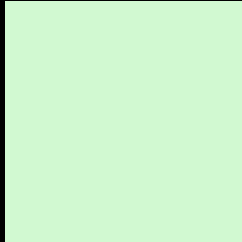
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 232.4800, -11.0000, -20.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

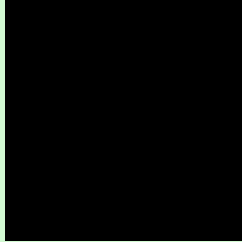
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

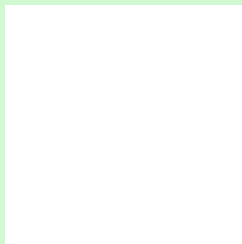
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 232.4800, -11.0000, -20.9200 Background



This preview shows how black text looks on a background with the YIQ color 232.4800, -11.0000, -20.9200.



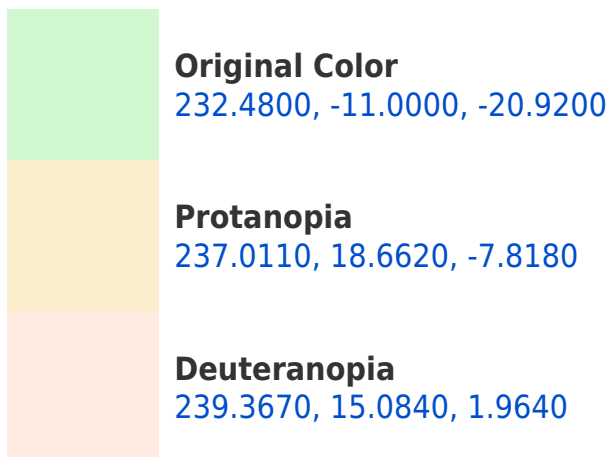
This preview shows how white text looks on a background with the YIQ color 232.4800, -11.0000, -20.9200.

-20.9200.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

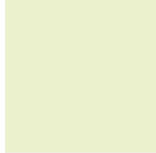
237.2140, -15.2220, 0.5380

Trichromacy



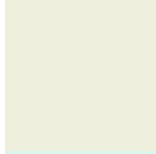
Original Color

232.4800, -11.0000, -20.9200



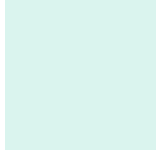
Protanomaly

235.1020, 7.9800, -12.4680



Deuteranomaly

236.5350, 5.5030, -6.1210



Tritanomaly

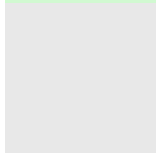
235.5420, -13.5700, -7.3780

Monochromacy



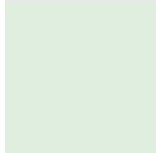
Original Color

232.4800, -11.0000, -20.9200



Achromatopsia

232.0000, -0.0000, 0.0000



Achromatomaly

232.2180, -3.8500, -7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.4800, -11.0000, -20.9200 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 249, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 249, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 249, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 249, 209) }
```

Border

The CSS property to change the border of an element to YIQ 232.4800, -11.0000, -20.9200 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 249, 209) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 249, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 249, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 249, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 249, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 249,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 232.4800, -11.0000, -20.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 249, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
249, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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